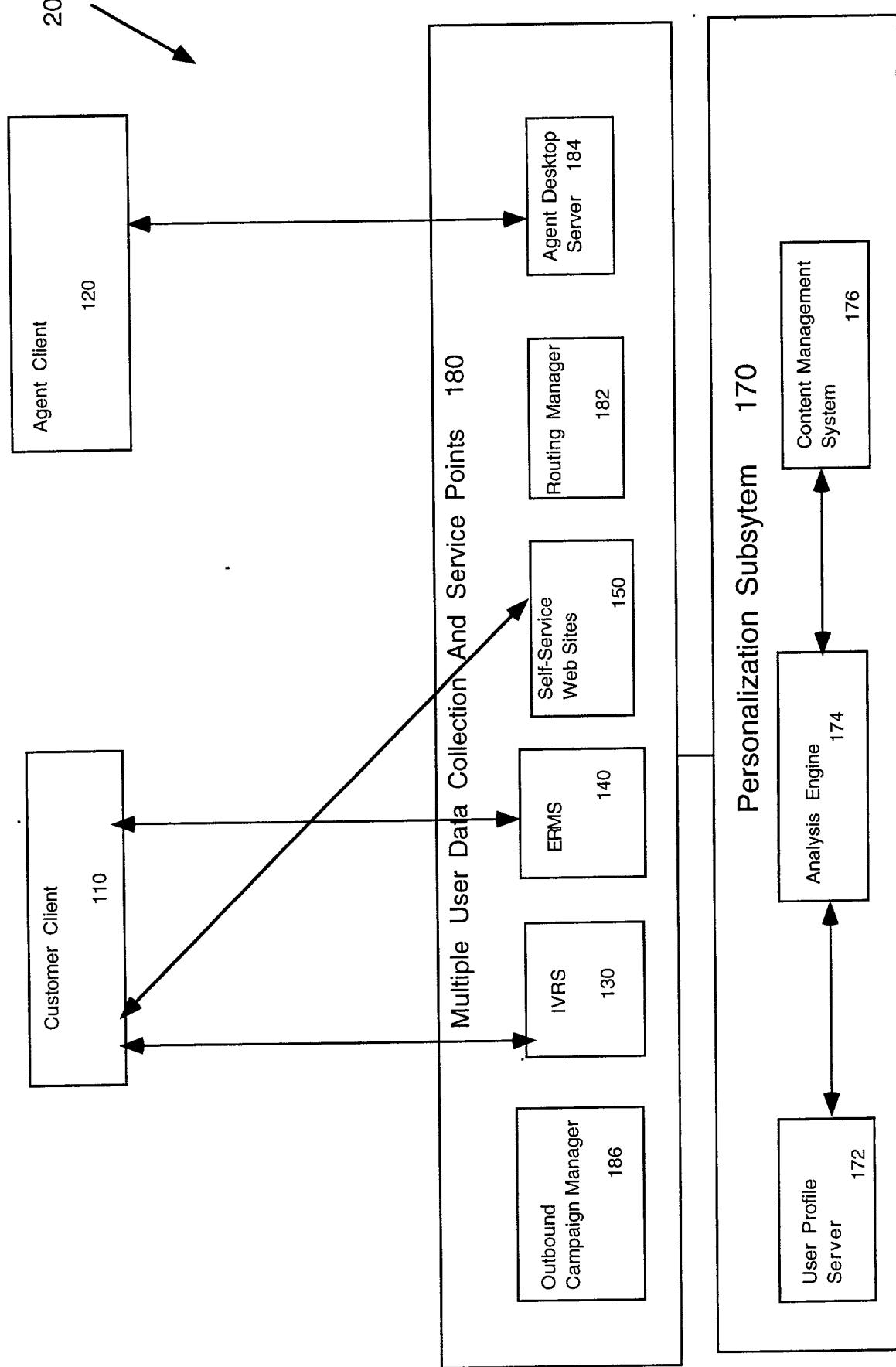
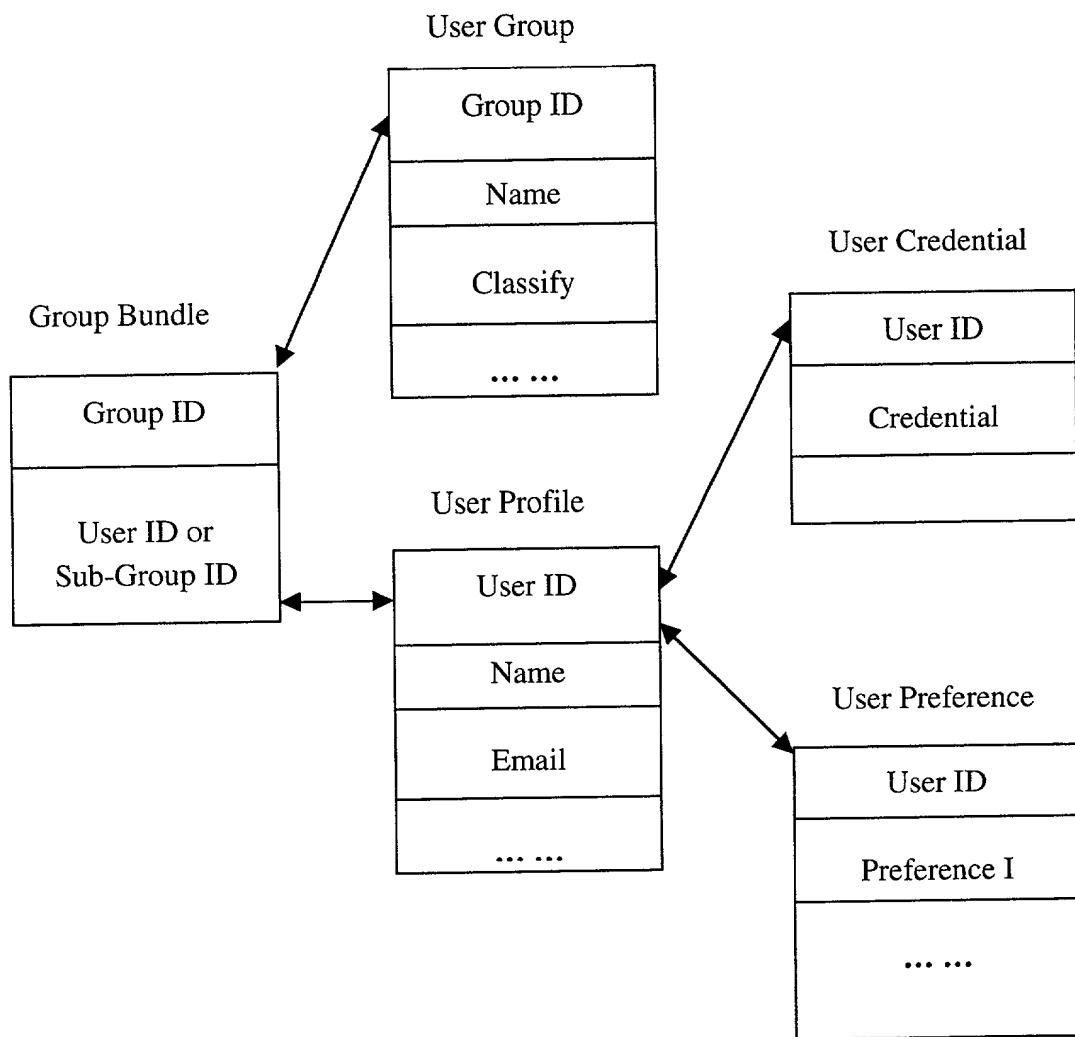


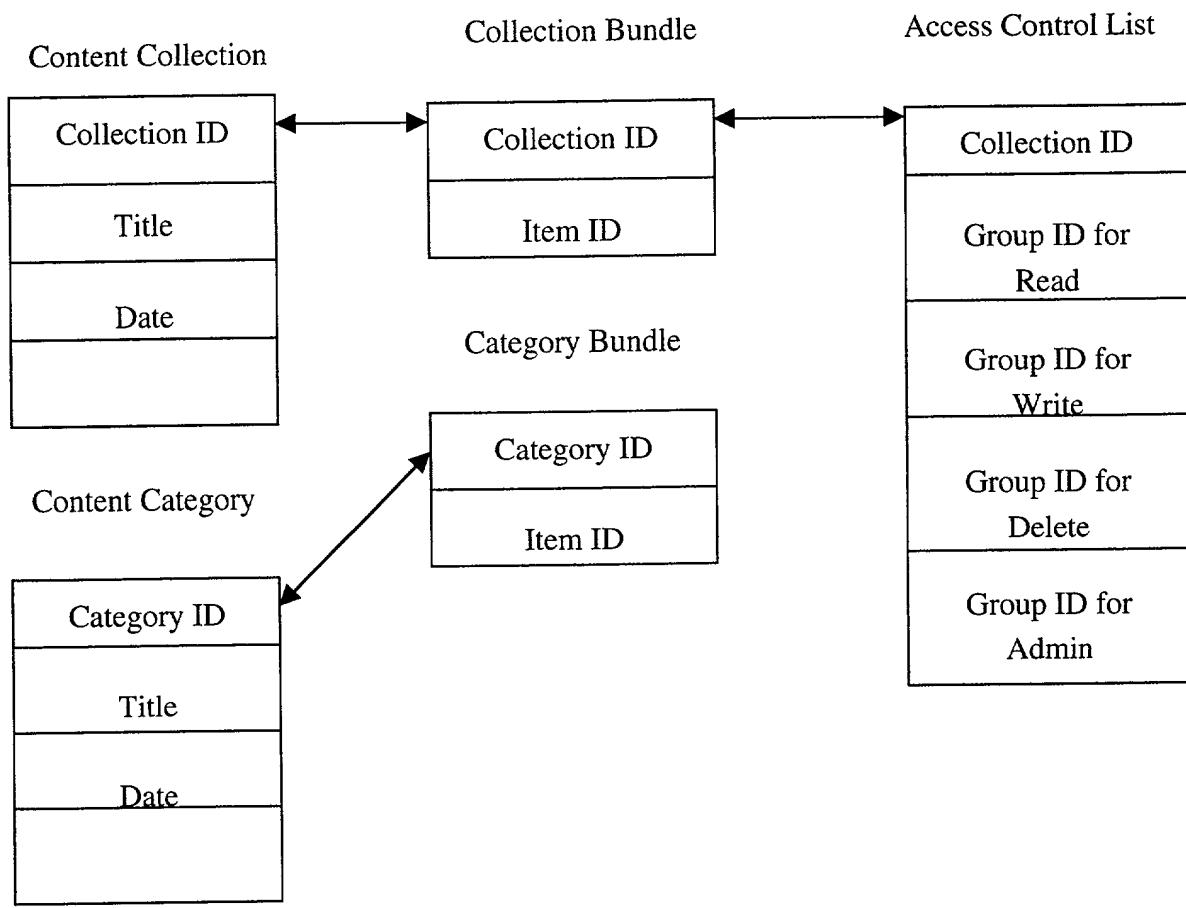
**Fig. 1**

**FIG. 2**

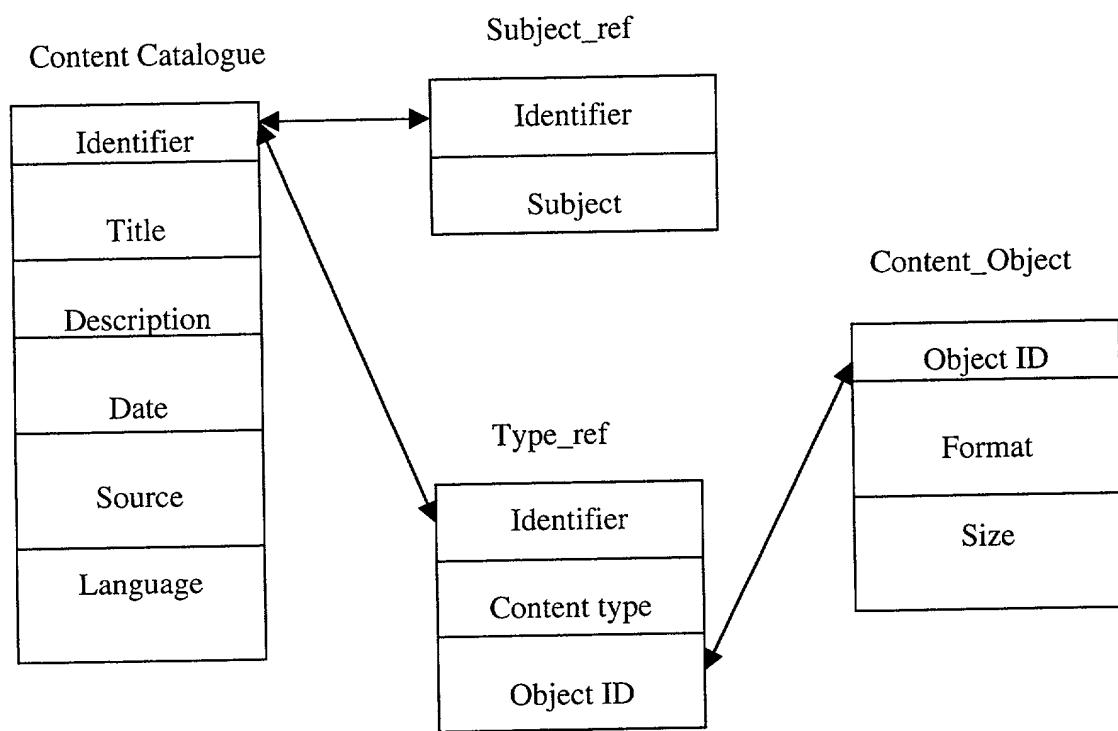




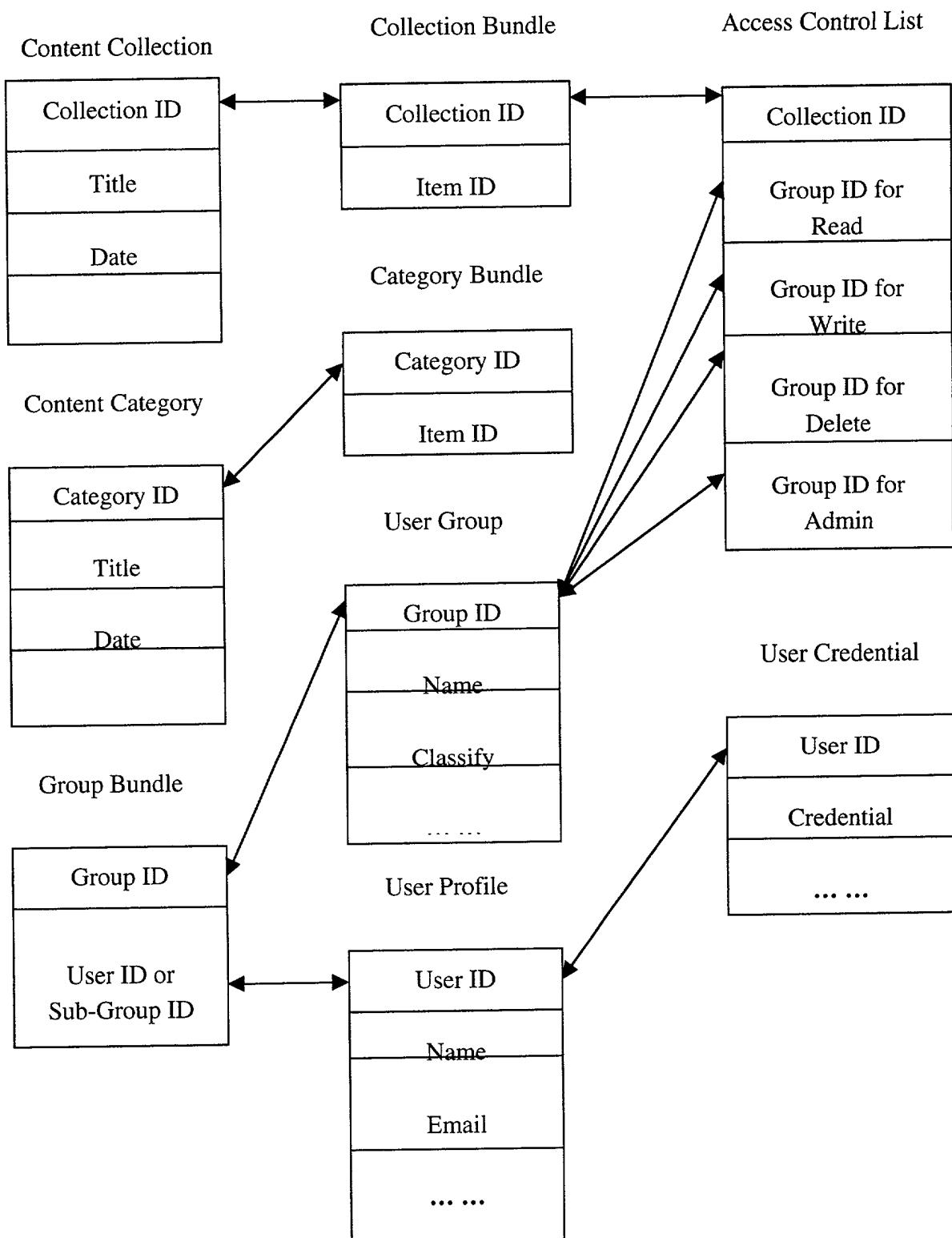
**Fig. 3**



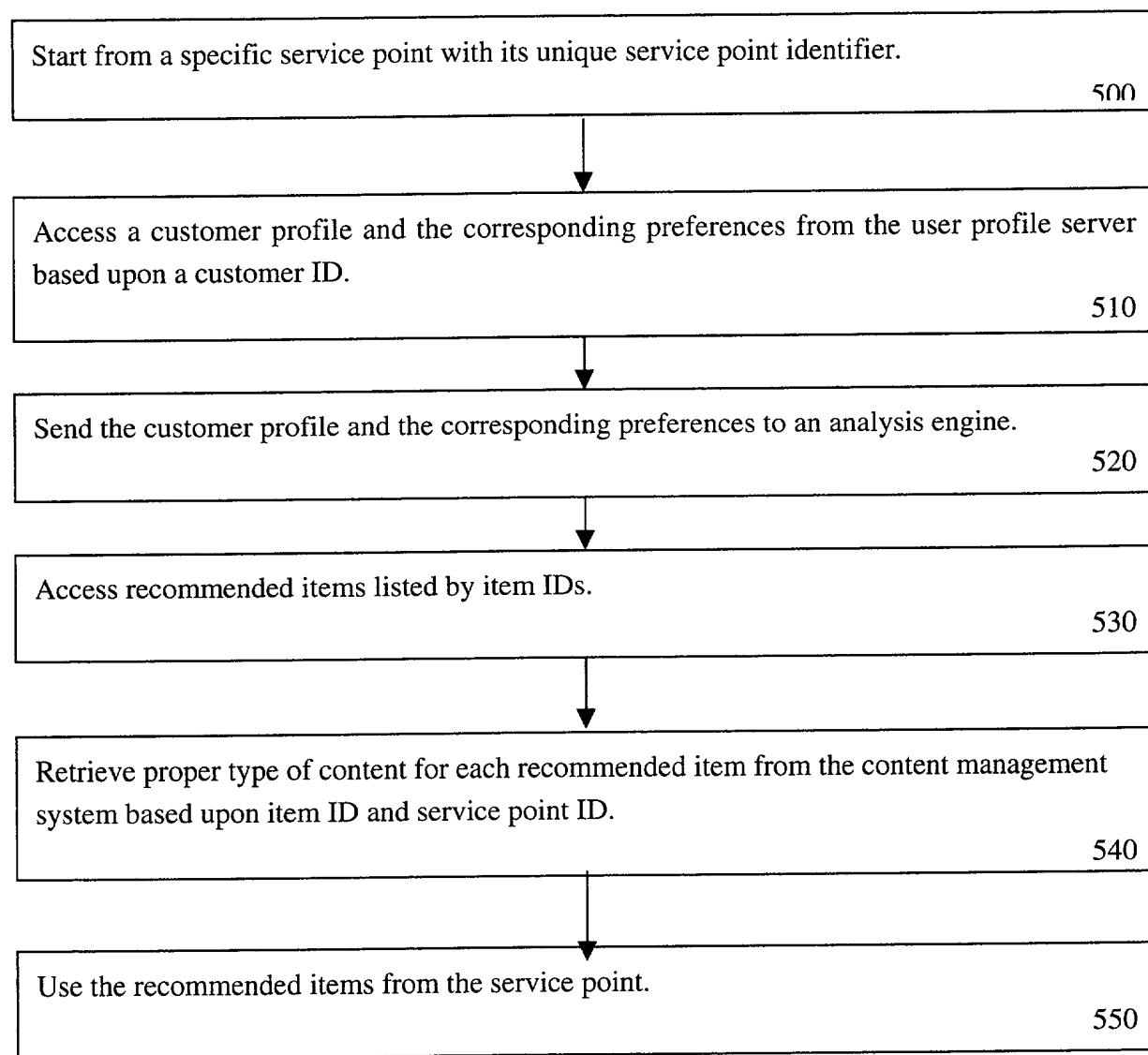
**Fig. 4**



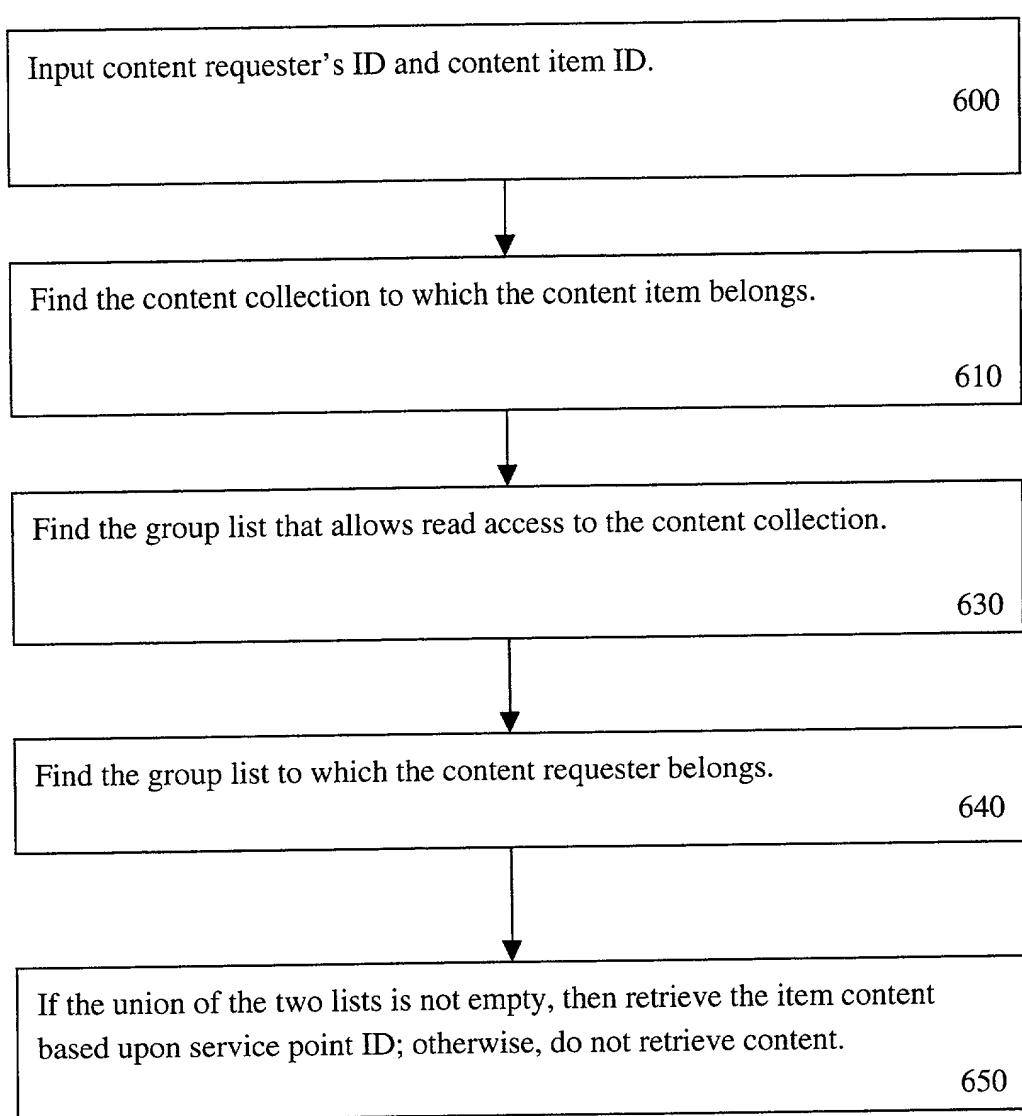
**Fig. 5**



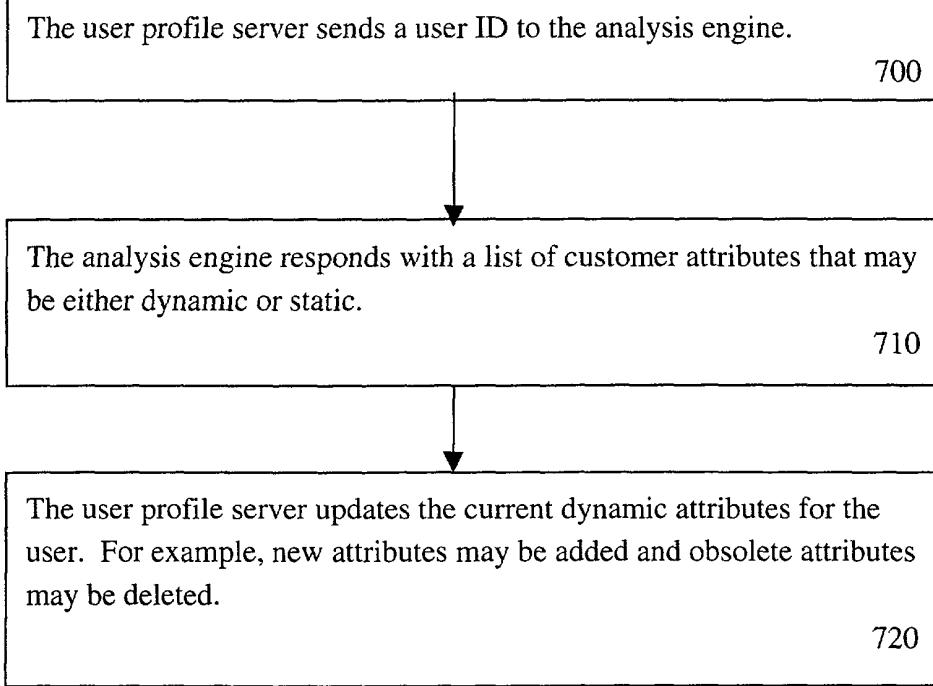
**Fig. 6**



**Fig. 7**



**Fig. 8**



**Fig. 9**

The user profile server sends a user ID and the persistent attribute (e.g. preferred contact media, contact address, etc.) that needs to be updated to the analysis engine.

800

The analysis engine responds with an updated attribute value.

810

The user profile server updates the persistent attribute in persistent repository and the service engine.

820

**Fig. 10**